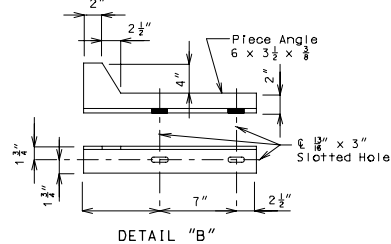
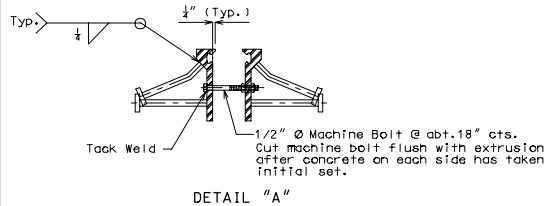
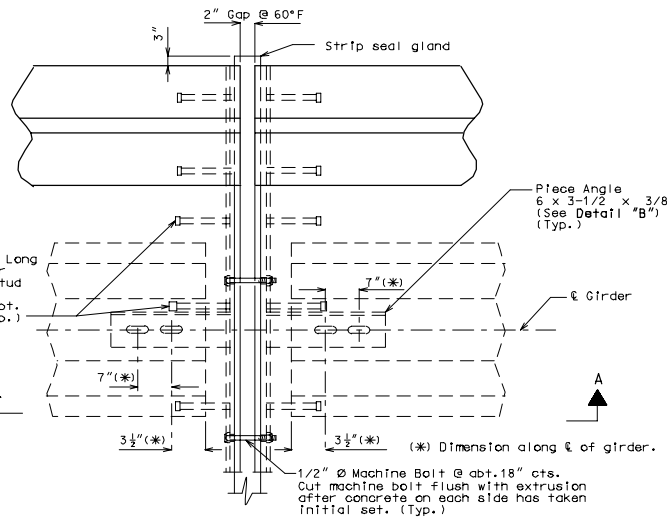
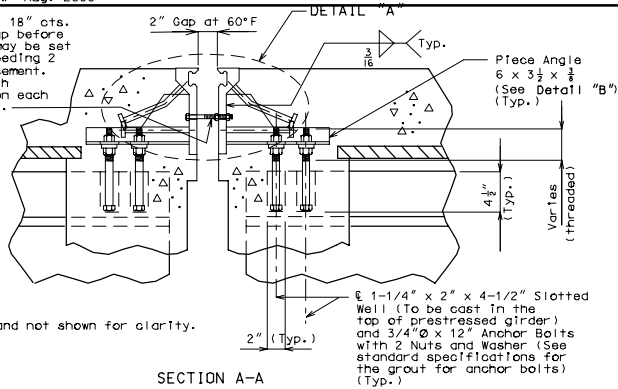
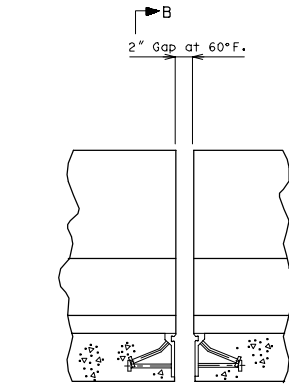


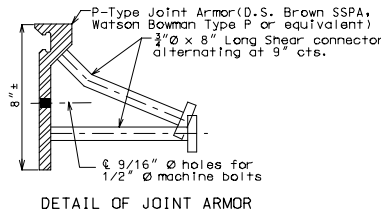
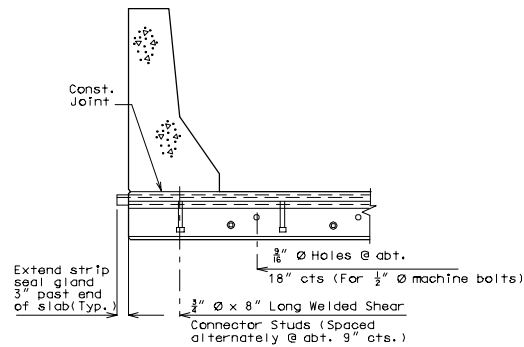
1/2" Ø Machine bolt at abt. 18" cts. Use two hex nuts to set gap before concrete placement. Gap may be set anytime up to but not exceeding 2 hours before concrete placement. Cut machine bolt flush with extrusion after concrete on each side has taken initial set.



DETAILS OF STRIP SEAL AT INTERMEDIATE BENT NO.



Note: Strip seal gland not shown for clarity.



GENERAL NOTES:

The expansion device shall be fabricated and installed in accordance with the recommendations of the manufacturer, and as set forth in the Special Provisions.

The contractor must verify all dimensions prior to fabrication.

All welds shall conform to Section 712 of the Missouri Standard Specifications.

Splices of steel extrusion shall develop full strength.

All steel shall be ASTM A709 Grade 36, except steel extrusions shall be ASTM A709 Grade 50W or Grade 36.

Neoprene Strip Seal shall meet ASTM D-2628.

Anchor for the extrusions or armor shall be approved welded studs (C1010 thru C1020).

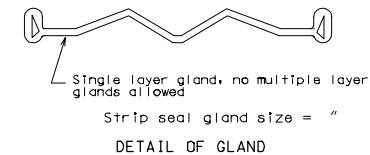
Structural steel for the expansion device shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum) or galvanized in accordance with ASTM A123. Anchors need not be protected from overspray.

Payment for furnishing, coating or galvanizing and placing steel extrusions, miscellaneous structural steel, and neoprene strip seal shall be made under the contract unit price for Strip Seal Expansion Device.

Plan dimensions are based on installation at 60°F. The gap shall be increased for each 10° fall in temperature and decreased for each 10° rise in temperature from the installation temperature.

Longitudinal reinforcing steel shall be placed so that ends shall not be more than 1" ± from vertical leg of extrusion at Expansion Device.

Concrete shall be forced under and around strip seal extrusions and studs. Proper consolidation of the concrete shall be achieved by localized internal vibration.



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